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Approved for use through 10/31/2002. OMB 0651-0032

Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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030104

17707 U.S.P.T.O.

# UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No. 250606-1060

First Inventor Huang

Title MEMORY UNIT AND MEMORY MODULE USING THE SAME

Express Mail Label No. EV269253764USUS

U.S.P.T.O.  
10/13/04

030104

**APPLICATION ELEMENTS**

See MPEP Chapter 600 concerning utility patent application contents

**ADDRESS TO:**

Mail Stop Patent Application

P.O. Box 1450

Commissioner for Patents

Alexandria, VA 22313-1450

22857  
10/13/04 APPLICANT REQUESTS EARLY PUBLICATION UNDER 37 CFR 1.219 (additional fee)

1.  Fee Transmittal Form (e.g., PTO/SB/17)  
(Submit an original, and a duplicate for fee processing)
2.  Applicant claims small entity status.
3.  Specification  
(preferred arrangement set forth below)

[Total Pages

15

- Descriptive title of the invention
- Cross References to Related Applications
- Statement Regarding Fed. Sponsored R&D
- Reference to sequence listing, a table, or a computer program listing appendix
- Background of the Invention
- Brief Summary of the Invention
- Brief Description of the Drawings (if filed)
- Detailed Description
- Claim(s)
- Abstract of the Disclosure

- 4.
- 
- Drawing(s) (35 USC 113)

[Total Sheets

6

5. Oath or Declaration

[Total Pages

2

- a.
- 
- Newly Executed (original or copy)

- b.
- 
- Copy from a prior application (37 CFR 1.63(d))
- 
- (for continuation/divisional with Box 18 completed)

- i.
- 
- DELETION OF INVENTOR(S)
- 
- Signed statement attached deleting inventor(s)
- 
- named in the prior application,
- 
- see 37 CFR 1.63(d)(2) and 1.33(b).

- 6.
- 
- Application Data Sheet. See 37 CFR 1.76

Assignee  
Name and Address  
(if applicable)

- 7.
- 
- CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)

8. Nucleotide and/or Amino Acid Sequence Submission
- 
- (if applicable, all necessary)

- a.
- 
- Computer Readable Copy (CRF)

- b. Specification Sequence Listing on:

- i.
- 
- CD-ROM or CD-R (2 copies); or
- 
- ii.
- 
- Paper

- c.
- 
- Statements verifying identity of above copies

**ACCOMPANYING APPLICATION PARTS**

- 9.
- 
- Assignment Papers (cover sheet & Documents(s))

- 10.
- 
- 37 CFR 3.73(b) Statement
- 
- (when there is an assignee)
- 
- Power of Attorney

- 11.
- 
- English Translation Document (if applicable)

- 12.
- 
- Information Disclosure Statement (IDS)/PTO-1449
- 
- Copies of IDS Citations

- 13.
- 
- Preliminary Amendment

- 14.
- 
- Return Receipt Postcard (MPEP 503)
- 
- (Should be specifically itemized)

- 15.
- 
- Certified Copy of Priority Document(s)
- 
- (if foreign priority is claimed)

- 16.
- 
- Request and Certification under 35 U.S.C.
- 
- 122(b)(2)(B)(i). Applicant must attach form
- 
- PTO/SB/35 or its equivalent.

- 17.
- 
- Other: \_\_\_\_\_

18. If a CONTINUATING APPLICATION, check appropriate box and supply the requisite information below and in a preliminary amendment,  
or in an Application Data Sheet under 37 CFR 1.76: Continuation Divisional Continuation-in-part (CIP)

of prior application No: /

Group / Art Unit:

For CONTINUATION OR DIVISIONAL APPS only: the entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. This incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

**18. CORRESPONDENCE ADDRESS**

Customer Number or Bar Code Label

24504

(Insert Customer No. or Attach bar code label here)



Correspondence address below

NAME	Daniel R. McClure Thomas, Kayden, Horstemeyer & Risley, L.L.P.				
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Name (Print/Type)	Daniel R. McClure	Registration No. (Attorney/Agent)	38,962	
Signature			Date	3-1-04

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U.S. PTO

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# FEE TRANSMITTAL for FY 2004

Effective 10/01/2003. Patent fees are subject to annual revisions.

 Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT

(\$ 425.00)

## Complete If Known

Application Number	Unassigned
Filing Date	March 1, 2004
First Named Inventor	Huang
Examiner Name	Unassigned
Group / Art Unit	Unassigned
Attorney Docket No.	250606-1060

## METHOD OF PAYMENT (check all that apply)

Check     Credit Card     Money Order     Other     None

 Deposit Account

Deposit Account Number

20-0778

Deposit Account Name

Thomas, Kayden, Horstemeyer Risley, L.L.P.

The Commissioner is authorized to: (check all that apply)

- Charge fee(s) indicated below     Credit any overpayments  
 Charge any additional fee(s) during the pendency of this application  
 Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account

## FEE CALCULATION

## 1. BASIC FILING FEE

Large Entity Fee Code	Fee (\$)	Small Entity Fee Code	Fee (\$)	Fee Description	Fee Paid
1001	770	2001	385	Utility Filing Fee	385
1002	340	2002	170	Design Filing Fee	
1003	530	2003	265	Plant Filing Fee	
1004	770	2004	385	Reissue Filing Fee	
1005	160	2005	80	Provisional Filing Fee	
SUBTOTAL (1)		(\$385)			

## 2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

Total Claims	Independent Claims	Multiple Dependent	Extra Claims	Fee From Below	Fee Paid
	13	- 20** =	0	X 9.00 =	0
	3	- 3** =	0	X 43.00 =	0
	0			145.00 =	0

## Large Entity

## Small Entity

Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	
1202	18	2202	9	Claims in excess of 20	
1201	86	2201	43	Independent claims in excess of 3	
1203	290	2203	145	Multiple dependent claim, if not paid	
1204	86	2204	43	**Reissue independent claims over original patent	
1205	18	2205	9	**Reissue claims in excess of 20 and over original patent	
SUBTOTAL (2)		(\$0)			

\*\*or number previously paid, if greater; For Reissues, see above

## FEES CALCULATION (continued)

## 3. ADDITIONAL FEES

## Large Entity    Small Entity

Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description
1051	130	2051	65	Surcharge-late filing fee or oath
1052	50	2052	25	Surcharge-late provisional filing fee or cover sheet
1053	130	1053	130	Non-English specification
1812	2,520	1812	2,520	For filing a request for ex parte reexamination
1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action
1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action
1251	110	2251	55	Extension for reply within first month
1252	420	2252	210	Extension for reply within second month
1253	950	2253	475	Extension for reply within third month
1254	1,480	2254	740	Extension for reply within fourth month
1255	2,010	2255	1,005	Extension for reply within fifth month
1401	330	2401	165	Notice of Appeal
1402	330	2402	165	Filing a brief in support of an appeal
1403	290	2403	145	Request for oral hearing
1451	1,510	1451	1,510	Petition to institute a public use proceeding
1452	110	2452	55	Petition to revive-unavoidable
1453	1,330	2453	655	Petition to revive-unintentional
1501	1,330	2501	665	Utility issue fee (or reissue)
1502	480	2502	240	Design issue fee
1503	640	2503	320	Plant issue fee
1460	130	1460	130	Petitions to the Commissioner
1807	50	1807	50	Processing fee for provisional application
1806	180	1806	180	Submission of Information Disclosure Stmt
8021	40	8021	40	Recording each patent assignment per property (times number of properties)
1809	770	2809	385	Filing a submission after final rejection (37 CFR § 1.129(a))
1810	770	2810	385	For each add. invention to be examined (37 CFR 1.129(b))
1801	770	2801	385	Request for Continued Examination (RCE)
1802	900	1802	900	Request for expedited exam. of a design application
Other fee (specify)				
SUBTOTAL (3)				(\$ 40)

Complete (if applicable)

\*Reduced by Basic Filing Fee Paid

## SUBMITTED BY

Typed or Printed Name

Daniel R. McClure

Registration No. 38,962

Telephone Number

770-933-9500

Signature

Date

3-1-04

WARNING: Information on this form may become public. Credit Card Information should not

Be Included on this form. Provide credit card information and authorization on PTO-2038

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 37 USC 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re: **Huang**

For: **MEMORY UNIT AND MEMORY MODULE USING THE SAME**

**CERTIFICATE OF EXPRESS MAIL**

Mail Stop Patent Application  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Enclosed for filing in the above case are the following documents:

Return Postcard  
Utility Patent Application Transmittal Page  
Fee Transmittal Page  
Utility Patent Application Consisting Of:  
    9 Pages of Specification  
    5 Pages of Claims (Claims 1-13)  
    1 Page of Abstract  
    6 Pages of Formal Drawings (Figs. 1-6)  
Credit Card Authorization Form (Amount: \$425.00)  
Declaration (executed)  
Assignment/Recordation Form Cover Sheet

Further, the Commissioner is authorized to charge Deposit Account No. 20-0778 for any additional fees required. The Commissioner is requested to credit any excess fee paid to Deposit Account No. 20-0778.

Respectfully submitted,

**Daniel R. McClure; Reg. No. 38,962**



**THOMAS, KAYDEN, HORSTEMEYER  
& RISLEY, L.L.P.**  
100 Galleria Parkway, N.W.  
Suite 1750  
Atlanta, Georgia 30339-5948

Our Docket No: **250606-1060**

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I hereby certify that all correspondence listed above are being deposited for delivery to the above addressee, with the United States Postal Service "**EXPRESS MAIL POST OFFICE TO ADDRESSEE**" service under 37 CFR §1.10 on the date indicated below:

The envelope has been given U.S. Postal Service "Express Mail Post Office To Addressee" Package # **EV269253764US**.

Date: March 1, 2004



**Hui Chin Barnhill**